

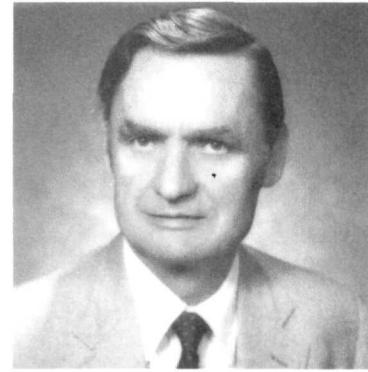
SEPTEMBER, 1982

COMPANY NAMES GROUP VICE PRESIDENTS

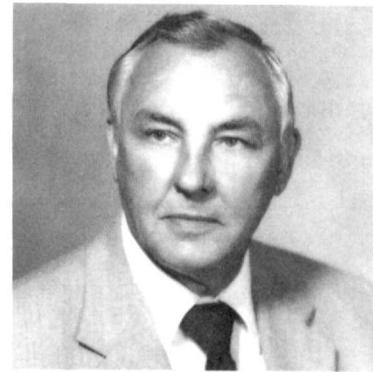
Donald F. McGuinness



William M. Milton



John W. Murphy



Jack D. White

On June 25, 1982, Dr. John L. Sprague announced that the Sprague Electric Board of Directors approved the promotion of four individuals to the new position of Group Vice President. Promoted to the position are Donald F. McGuinness, William M. Milton, John W. Murphy and Jack D. White.

Donald F. McGuinness, who had been Vice President, Semiconductor Operations, has overall responsibility for the Company's integrated circuit plant at Worcester; its transistor and diode operations at Concord; its special components operations at Visalia; its thick-film circuits operations in Nashua; and the filter division's activities at North Adams, Annapolis Junction and Canoga Park.

Mr. McGuinness has been with Sprague Electric in various operations and management posts since 1969, when he joined the Company after serving as

marketing manager of Westinghouse Electric Corporation's Molecular Electronics Division.

William M. Milton, who had been Vice President, passive components operations, has overall responsibility for the Company's multi-layer ceramic capacitor operations at Wichita Falls and North Adams, and its solid tantalum capacitor operations in Sanford and Concord.

Mr. Milton joined Sprague Electric in 1970 as general manager, solid tantalum capacitors at Sanford; and was promoted to Vice President in 1973. Before joining Sprague Electric, Mr. Milton was Vice President of Manufacturing, Clarostat Manufacturing Co., Inc., Dover, NH.

John W. Murphy, who had been Vice President, passive operations, has overall responsibility for the Company's film and paper capacitor operations at Barre,

North Adams and Longwood; as well as its wet and foil tantalum capacitor operations at North Adams.

Before joining Sprague Electric in 1972, Mr. Murphy had been Director of Operations, Beckton Dickinson Co. in Sharon, Massachusetts.

Jack D. White, who had been Vice President-Operations, is assuming the new post of Group Vice President of the Company's aluminum electrolytic capacitor operations. Mr. White will concentrate on identifying and developing growth opportunities of the Company's aluminum electrolytic capacitor product lines.

Mr. White joined Sprague Electric in North Adams in 1968 in an executive manufacturing capacity. Before joining Sprague Electric, Mr. White was general manager of the Electro-Midland Corporation in Mineral Wells, Texas.

QUALITY CIRCLES—WORKING AT SPRAGUE

The Quality Circle' movement at Sprague Electric, first organized in August 1980, now spans the country. The growing success of this team approach to productivity in the workplace springs from the commitment of people in the program, and from the interest that such involvement generates in others.

A quality circle is a small group of employees (the average being nine members) who volunteer to meet regularly to pursue work-related projects designed to advance the Company's interests and spur self-development through application of quality circle concepts.

Quality Circle members are systematically trained in problem-solving techniques over a twelve-week period. Personnel are presented an introduction to quality circles, and are given short courses in brainstorming, cause and effect diagrams, graphs, data collection

and effective communication skills. Employees meet for one hour a week on company time to learn how to be effectively involved in the Company's decision-making process and how best to use the teamwork approach in improving quality and productivity. All quality circle activity is guided by a local steering committee.

Eleven circles are currently operating in the North Adams facility; more will be organized this fall. Bob McDonough is the Quality Circle organizer/facilitator in North Adams.

At the Worcester plant, Rich Kneeland leads the quality circle program. There are thirteen circles at the Integrated Circuits plant and more are planned.

At the Concord, NH plant, Gene Lambert, Cliff Seddon and Gene Harreck are the quality circle leaders. They recently completed a training session for eight new leaders. Among those trained in

quality circle techniques by Concord personnel were Lois Webb of the Hillsdale, Virginia facility and Mike Andrews of the Visalia, California plant.

Quality Circles at Sprague Electric are working well. The impetus of our initial success is providing the framework and incentive for even greater utilization of quality circles throughout the Company.



SIX ELECTED AS VICE PRESIDENT

Dr. John L. Sprague recently announced that the Sprague Electric Board of Directors has elected six Vice Presidents. Elected as Vice President-Operations are Jack L. Daniel, Peter R. Loconto, Peter W. Maden and James P. Sherry. Joseph P. Coughlin was elected Vice President-Sales and Edward C. Geissler was named Vice President-Marketing.

Jack L. Daniel replaces Jack D. White, recently named Group Vice President, as Vice President-Operations and is responsible for management of the Company's aluminum manufacturing locations at Clinton, Lansing and Hillsville.

Peter R. Loconto, prior to being named Vice President-Operations, served as general manager of the Worcester plant. He has been with the Company's semiconductor division since 1969.

Peter W. Maden, prior to his promotion to the position of Vice President-Operations, had been general manager of the Company's solid tantalum capacitor operations in Sanford and Concord. Mr. Maden first joined Sprague Electric at Concord in an engineering capacity.

James P. Sherry has been promoted to Vice President-Operations in charge of the Company's oil, paper and film capacitor plants in North Adams, Barre and Longwood. Mr. Sherry had been general manager for the past five years. Mr. Sherry first joined Sprague Electric in 1959 as an engineer in the Company's Tantalum Capacitor Engineering Department in North Adams.

Edward C. Geissler was named Vice President-Marketing. Mr. Geissler had been national marketing manager of the Company since 1974. Since 1958, he had been connected with Sprague Electric in various engineering and marketing capacities.

Joseph Coughlin has been named Vice President-Sales. Mr. Coughlin had been national sales manager since 1971. He joined the Company in 1967 as eastern regional sales manager.

SPRAGUE ELECTRIC LOG ISSUE 3, 1982

Howard M. Zimmerman, *Editor*
Donald J. Boyer, *Ass't. Editor*

Associate Editors:

Robert M. Arena, Sanford

Donald Sowers, Visalia,

Los Angeles

Robert J. Diodati, North Adams

Michael Gagne, Nashua

McDaniel Harless, Hillsville

Stephen D. Holland, Concord

Marion H. Manion, North Adams

Dennis R. Driscoll, Sanford

Craig J. Ghidotti, Orlando

Theodore Buck, Barre

Fred T. Thompson, North Adams

Thomas D. Vangel, Worcester,

Micro Tech

Hugh H. van Zelm, Jr., Annapolis Junction

Clayton D. Weaver, Lansing

W. E. Williams III, Clinton

Albert L. Zigler, Jr., Wichita Falls, Brownsville

Paul F. Sprague—*Photographer*

SAFETY AWARDS PRESENTED

The 1981 Sprague Electric Safety Awards were recently presented at the three Sprague locations which demonstrated a superior safety record over the past year.

The President's Safety Award, which recognizes the manufacturing operation which achieved the best overall safety record, was presented to the Lansing, North Carolina facility on August 4 by Fred T. Thompson, Vice President Corporate Relations.

Outstanding Safety Awards were presented to the Hillsville, Virginia and Worcester, Massachusetts plants in recognition of the safety efforts made by all employees at both locations.



Fred Thompson is shown presenting Safety Award to Plant Manager Ben Barker shown with Safety Committee members.



Bob Curtis is shown receiving the Safety Award from Don McGuinness as the Worcester Staff looks on.



Jack White, Vice President presents Dave Anderson and Bobby Shockley, members of the Hillsville Safety Committee the outstanding safety award.

1982 SCHOLARSHIP RECIPIENTS

Ashe County—David Holman, son of Margaret Holman, awarded \$700 per year for four years; Timothy Carter, son of Fred Carter, awarded \$300 per year for four years; Robert Mills, son of Harry Mills, Jr., awarded \$300 per year for four years; and Daniel Bare, son of Bobby Bare, awarded \$300 per year for four years.

Barre—Lisa Gingras, daughter of Roberta Dessureau, awarded \$500 per year for four years.

Clinton—Fred Overbay, Jr., son of Fred Overbay, awarded \$400 per year for four years.

Concord—James Scammon, son of Lawrence Scammon, Jr., awarded \$600 per year for four years; and Nina Beauchesne, daughter of Rita Beauchesne, awarded \$600 per year for four years.

Hillsville—Patricia Wright, daughter of James Wright, Jr., awarded \$200 per year for four years; Kimberly Cochran, daughter of Benton Cochran, awarded \$200 per year for four years; Michelle Cochran, daughter of Judy Gardner, awarded \$200 per year for four years; William Sturgill, son of Howard Sturgill, awarded \$200 per year for four years; Tracy Stone, son of Waughleen Stone, awarded \$100 per year for two years; and Terry Lintecum, son of Hatie Moxley, awarded \$100 per year for two years.

Nashua—Michael Purple, son of Robert Purple, awarded \$600 per year for four years.

North Adams—Joseph Wilder, son of Richard Wilder, awarded \$500 per year for four years; Alison Patterson, daughter of George Patterson, awarded \$400 per year for four years; Deborah Dalton, daughter of Eleanor Dalton, awarded \$400 per year for four years; Mark Slater, son of Peggy Slater, awarded \$400 per year for four years; Karen Ruthman, daughter of Donald Ruthman, awarded \$300 per year for four years; and Andrew Diodati, son of Robert Diodati, awarded \$200 for one year.

Orlando—Beth Daigneault, daughter of Marty Daigneault, awarded \$400 per year for four years.

Sanford—Roger Rollins, son of Mary Rollins, awarded \$1,000 per year for four years; Robert Chevalier, son of Sophie Williams, awarded \$1,000 per year for two years; and Karen Troost, daughter of Daan Troost, awarded \$500 per year for four years.

Visalia—Rebecca Duran, daughter of Hortencia Duran, awarded \$150 per year for two years.

Wichita Falls—Esther Alonzo, daughter of Georgie Alonzo, awarded \$200 per year for four years; Annette Tackett, daughter of Der Tackett, awarded \$200 per year for four years; and Randall Bilyeu, son of Retha Spain, awarded \$200 per year for four years.

Worcester—Susan MacDougall, daughter of Dr. John MacDougall, awarded \$300 per year for four years; Scott Vangel, son of Tom Vangel, awarded \$300 per year for four years; Linda Borglund, daughter of Patricia Borglund, awarded \$300 per year for four years; and Carol Brewer, daughter of Susan Goodrich, awarded \$200 per year for two years.

General Scholarships—Claudia Morgan, daughter of Howard Morgan of the Long Island Sales Office, awarded \$300 per year for four years; and George Mozek, Jr., son of George Mozek of the Boston Sales Office, awarded \$200 per year for four years.



David Holman



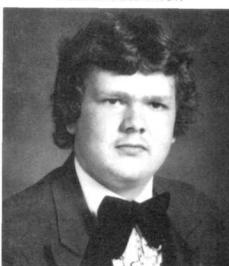
Timothy Carter



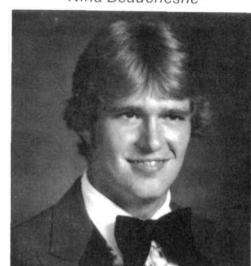
James Scammon



Nina Beauchesne



Tracy Stone



Terry Lintecum



Mark Slater



Karen Ruthman



Susan MacDougall



Scott Vangel



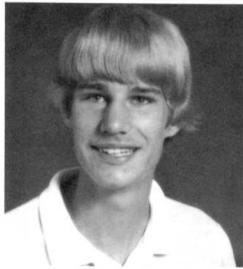
Pictured left to right: Annette Tackett, Randall Bilyeu, Esther Alonzo, and Mike Kowalske, Assistant I. R. Manager.



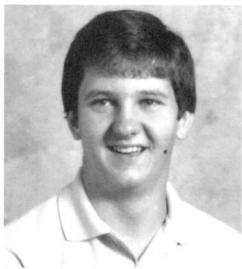
Karen Troost



Rebecca Duran



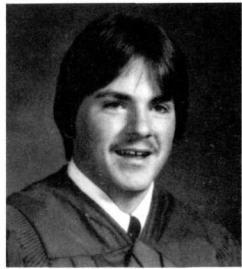
Robert Mills



Daniel Bare



Lisa Gingras



Fred Overbay, Jr.



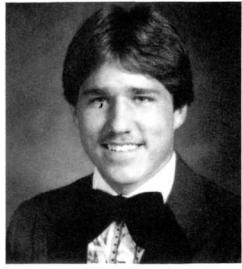
Patricia Wright



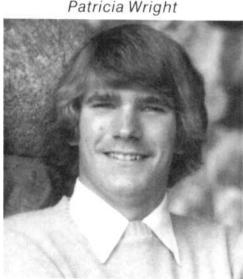
Kimberly Cochran



Michelle Cochran



William Sturgill



Michael Purple



Joseph Wilder



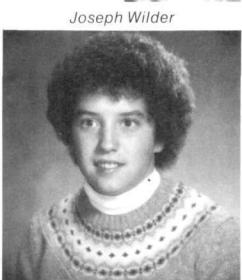
Alison Patterson



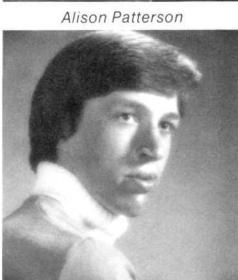
Deborah Dalton



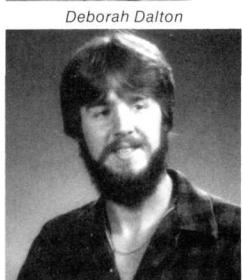
Andrew Diodati



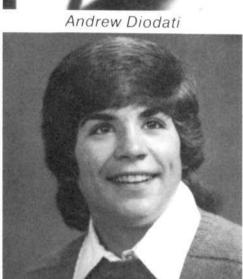
Beth Daigneault



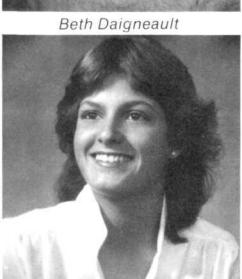
Roger Rollins



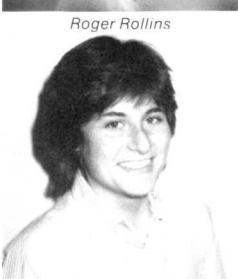
Robert Chevalier



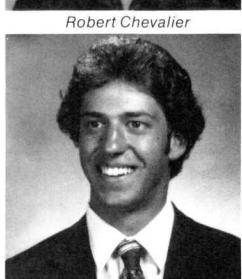
Linda Borglund



Carol Brewer



Claudia Morgan



George Mozek, Jr.

BOSSE BREAKS RECORD



In March, 1980, the Sanford Suggestion Committee received a suggestion from Fern Bosse, Department Leader in Axial Assembly. Bosse's idea saved over 4.3 million inches of tantalum wire, and as a result approximately \$27,000 in savings were realized in the first year. For the suggestion Bosse received a \$4,019.42 award, breaking the previous Sanford suggestion award record of \$3786 given in 1978 to . . . Fern Bosse.

Fern, who was promoted to Axial Department Foreperson in September, 1980, has been an active participant in the Company's suggestion system. Since 1970, Fern's suggestions have earned him \$8,826. Over 60% of his suggestions have been implemented—an outstanding record!

As a Department Foreperson, Fern is no longer eligible for cash awards through the Suggestion System. This fact has not diminished Fern's involvement in identifying cost-savings improvements. "I get a lot of satisfaction," says Fern "knowing I've helped Sprague save money—that has always meant as much to me as the financial awards. I'm always looking for a better way . . . If I come up with an easier way, I'll do it."

Fern Bosse is one of very many employees both at Sanford and throughout the Company who are, through their pride and achievement, responsible for Sprague Electric's success.

FISCHER APPOINTED NATIONAL SALES MANAGER

J. P. Coughlin, Vice President-Sales, recently announced that Theodore W. (Ted) Fischer has been named as Mr. Coughlin's successor in the position of National Sales Manager.

In his new role, Fischer will be reporting to him the six Regional Sales Managers, as well as the Managers of House Accounts.

Most recently, Mr. Fischer has been Manager of Semiconductor Sales. He originally joined Sprague Electric in June, 1973, as a Semiconductor Specialist. Fischer is a registered professional engineer in both the Commonwealth of Massachusetts and the State of Ohio.

ALUMINUM DIVISION RELEASES DFR'S

After a significant effort on the part of Clinton workforce, the Aluminum Division has announced that it will be accepting orders for the 80D DFR capacitor. The DFR product is a highly efficient aluminum electrolytic capacitor with a plug-in feature for circuit boards, a necessity in the highly automated assembly process used by power supply and systems manufacturers. The design and technical features of our DFR's make them highly competitive in the world market. Clinton employees take pride in the fact that Sprague Electric is the leading domestic producer of this type of product.

The Sprague organization, including Corporate Engineering, Operations, Product Engineering, and Marketing, continues to work towards developing and marketing components which place us in a favorable position in both domestic and world markets. With the development of products such as the 80D capacitor, Sprague Electric is looking to gain an increased share of the expanding electronics market.

WORCESTER FAMILY DAY

On Sunday, June 27, the Sprague Worcester operation held an open house for all employees and their families. The response was tremendous as well over 1,300 people turned out for the occasion which included a tour of the plant, entertainment, gifts and refreshments.

Plant tours were arranged so that guests could visit the plant at their own pace. In each work area guests could watch demonstrations of the various production processes, and view displays which were put together by employees from the departments. Many of the guests noted the cleanliness of the plant and all were impressed with Worcester's modern high-technology equipment. All of the visitors recognized the pride and enthusiasm shown by employees as they talked about their departments and their jobs.

The Worcester plant is the headquarters for Sprague Electric's Semiconductor Division. All wafer manufacturing and integrated support services are conducted in the modern 115,000 square foot plant. Volume assembly operations are located in Worcester; Concord, NH; and in Manila, Republic of the Philippines.



Part of the large crowd that enjoyed the days activities at the Worcester Plant.



Cora Lewos, Department Leader in brand and pack, talks to interested visitors about the process in her department as Fred Noga, foreperson looks on.

CONCORD BENEFIT FUND VARIETY SHOW A SUCCESS

Performing before near sell out crowds for two nights, the eighteenth annual Sprague Electric Benefit Fund Variety Show was received with enthusiasm.

The show, entitled "Hooray for Hollywood," under the direction of Andy Ansaldo and with a cast of sixty, presented songs, dances and comedy from the movies.

Comedy routines were "borrowed" from Abbott and Costello and Ma and Pa Kettle. Sketches included Monsieur Gaston (as played by Phyllis Weeks) and his Can Can dancers, and the comedy of Hedda Hopper as portrayed by Helen McLaughlin.

The dance numbers were choreographed by Marge Andrews, and were performed by the "Spragueettes Chorus Line," Kim Ford and Maryanne Zielinski.



SECRETARY OF THE YEAR

Imogen Goldthwaite, Secretary to Harold W. Mahar, Jr., General Manager, Discrete Semiconductor Operation, Concord, has received the 1982-83 Secretary of the Year Award from the Profile Chapter of Professional Secretaries International. Imogen is the immediate past President of the Chapter, and has been an active member since 1976.



TACKETT PROMOTED TO PLANT MANAGER

J. Derwood Tackett has been promoted to Plant Manager of the Wichita Falls ceramic capacitor facility. Tackett had been Manufacturing Manager at Wichita Falls since 1975.

Der Tackett joined Sprague Electric in May, 1969, as Plant Manager at the then-existing Jaurez, Mexico semiconductor manufacturing operation. Previously, Tackett had worked for Texas Instruments.

CONCORD GETS HELP

On May 3, Sprague/Concord instituted its "Healthier Employee Lifestyle Program" (HELP). The goal of the program is to help employees evaluate their current lifestyle and to identify opportunities to take positive action to improve their health. A wide range of health education and fitness programs are being offered, including weight control, running, bicycling, walking and women's exercise. Participants in the program are awarded points for each of the activities in which they participate; and at the end of each thirteen-week session employees are awarded prizes if their individual goals are met.

The first thirteen-week session had 138 employees participating in seven different programs. The upcoming session shapes up to have even more involvement.

SPRAGUE ELECTRIC CO.



Healthier Employees Lifestyle Program

HELP has arrived in Concord; and it has made a difference in how people feel.

NORMANDEAU BENEFITS MANAGER

Joseph E. Normandeau has recently joined the Corporate Relations Staff of the Sprague Electric Company as the Corporate Manager, Employee Benefits. In this position, Joe will be responsible for the Company-wide administration of our employee benefit and insurance programs.

Joe comes to Sprague Electric from the Equitable Life Assurance Company, where he was Group Sales Representative in charge of the Springfield, Massachusetts office. Having serviced the Sprague Electric account for twelve years, Joe brings with him not only a thorough knowledge of the field, but also considerable experience working with the Sprague Electric Company and the people who administer our benefits programs.

Joe is a 1954 graduate of the University of Vermont, with a B.S. degree in Banking, Finance and Insurance.



LOG

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NEW CITIZENS IN WICHITA FALLS

In one of the largest naturalization ceremonies ever held in Wichita County, three Sprague employees became U.S. citizens on May 12. May Campbell, who came to this country from England in 1947, is a Department Leader in the Monolithic Flip area and has been employed at Sprague Electric since 1967. Don Le Vu, who was born in Vietnam, came to the U.S. in 1975; she is a Test Technician in QAR, and has worked at Sprague since 1977. Ngoc-Hao T. Do, who also immigrated from Vietnam in 1975, is a Stamper in the Finish and Final Area, and has been employed at Sprague Electric since 1978. We all extend our congratulations.



L-R: Ngoc-Hao T. Do, Vietnam; May Campbell, England; and Don Le Vu, Vietnam.

SUTHERLAND HONORED



Stuart Sutherland, formerly Area Industrial Relations Manager at the Sprague Dearborn plant, was recently named Corporate Manager of Human Resources for GK Technologies, Inc. In his new position, Stu will be responsible for human resource management planning and training; and will coordinate GK Technologies' overall equal employment/affirmative action program. In recognition of his seventeen years of accomplished service with Sprague Electric, a party was held in Stu's honor in Winter Park, Florida on June 26th.

SPRAGUE ELECTRIC FLEA MARKETS

During the summer months several Sprague Electric plants took advantage of the good weather and sponsored flea markets.

In June, Sanford, Maine employees cleared out their attics and cellars and brought their newly-discovered treasures to the gigantic Sprague Electric Flea Market held in the plant parking lot. Over 100 employees set up tables and exhibited their wares to the more than 5,000 bargain hunters who visited.

Sprague Barre held its second annual

flea market in the company parking lot on August 28. Over 1,000 people visited the 38 booths that were set up by the Barre, Vermont employees.

